

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DANZL et al. Examiner: SMITH, S. R.
Serial No. 10/723,016 Group Art: 3762
Filing Date: 11/26/2003 Docket No.: P0010462.00
Title: MEDICAL DEVICE AND METHOD OF MANUFACTURING

DECLARATION UNDER 37 C.F.R. § 1.131 ANTEDATING A REFERENCE

I hereby declare the following:

- 1) I am currently and correctly named as an inventor in the pending patent application entitled "MEDICAL DEVICE AND METHOD OF MANUFACTURING", U.S. patent application serial number 10/723,016.
- 2) The invention disclosed within the above-referenced patent application was conceived of and reduced to practice by me and the other named inventors before February 28, 2002.
- 3) An Invention Disclosure Form was completed and was submitted to the Medtronic, Inc. legal department (a redacted copy of said form is attached hereto).
- 4) Test data, attached hereto, was generated before February 28, 2002 and establishes that the claimed invention works. In particular, voltage breakdown (Vbd) is clearly greater than 100 volts for each MOSFET (i.e. A1.1 through C3.5) tested. Resistance between the drain and the source (Rds) is also provided to show the low resistance between the drain and the source. The metalized trench is the path created to contact the drain of the MOSFET.
- 5) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Applicants: Taylor et al.
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Date: September 26, 2007

Michael F. Mattes
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Date:

9/26/2007



Ralph B. Danzi